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(54) Title: BAKERY FLUORESCENT LAMP

(57) Abstract: The invention relates to a fluorescent lamp whereof the fluorescent layer consists of from 1 tot 3 water-dispersible phosphors, such that said lamp has a peak wavelength in each of the red, green and deep-red wavelength regions, wherein said deep-red phosphor is derived from a non-activated green, water-dispersible phosphor. The fluorescent layer consists preferably of a red, Eu³⁺ activated phosphor, a green, Tb³⁺ activated phosphor and a deep-red Mn²⁺ activated phosphor, wherein said deep-red Mn²⁺ activated phosphor is a Tb³⁺, Mn²⁺ activated phosphor. The Tb³⁺, Mn²⁺ activated phosphor is preferably a (GdMg)B₅O₁₀:Ce³⁺, Tb³⁺, Mn²⁺ phosphor. Such phosphors can be applied as an aqueous suspension in the production process of a fluorescent lamp.

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